

Wood Window and Door Manufacturing: 2002

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2002 Economic Census

Manufacturing

Industry Series



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U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU



Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹	Com- panies ²	All estab- lish- ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)	
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)					
321911, Wood window and door manufacturing	2002..	1 326	1 440	71 694	2 280 726	55 566	106 720	1 496 872	5 024 157	5 921 743	10 915 413	328 107
	2001..	N	N	65 894	2 120 872	52 706	100 446	1 475 195	5 143 756	6 088 433	11 253 127	435 935
	2000..	N	N	68 317	2 133 397	55 445	105 715	1 536 728	5 088 029	6 127 991	11 174 999	384 374
	1999..	N	N	69 473	2 107 860	55 567	110 841	1 481 146	4 605 320	5 780 674	10 309 993	299 066
	1998..	N	N	66 817	1 877 279	54 379	104 640	1 344 759	4 125 803	5 245 125	9 359 956	231 935
	1997..	1 311	1 406	63 806	1 702 872	51 706	102 542	1 229 286	3 687 713	4 970 743	8 673 423	204 866

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
321911, Wood window and door manufacturing												
United States.....	1	1 440	510	71 694	2 280 726	55 566	106 720	1 496 872	5 024 157	5 921 743	10 915 413	328 107
Alabama.....	1	35	17	1 896	43 964	1 505	2 504	28 989	109 433	187 156	296 639	3 698
Arizona.....	2	30	14	1 101	30 320	796	1 622	17 696	58 311	54 356	112 866	4 604
Arkansas.....	3	21	5	537	14 557	460	925	10 364	34 059	55 451	89 067	2 169
California.....	3	208	63	5 608	164 945	4 106	8 084	98 085	358 950	440 265	798 500	20 894
Colorado.....	2	37	5	658	22 589	466	971	12 531	46 733	35 442	82 201	2 295
Florida.....	1	67	19	1 608	42 416	1 183	2 506	25 241	97 772	166 421	263 905	7 001
Georgia.....	1	50	22	1 638	48 036	1 309	2 659	33 398	106 177	152 002	258 233	6 794
Idaho.....	1	19	5	618	18 957	542	1 116	15 407	55 925	38 653	95 800	2 646
Illinois.....	3	63	16	1 682	51 198	1 279	2 477	31 497	116 114	151 570	267 431	6 204
Indiana.....	—	39	17	1 581	46 345	1 287	2 469	32 460	106 003	144 644	251 644	3 504
Iowa.....	—	15	11	7 819	299 381	5 640	10 793	174 168	629 741	396 951	1 013 005	44 178
Kansas.....	—	12	4	246	5 451	199	332	3 769	8 644	7 971	16 492	538
Kentucky.....	—	14	7	893	21 904	771	1 533	16 494	52 108	55 866	107 825	11 188
Louisiana.....	3	17	3	217	5 659	144	278	3 389	10 858	9 509	20 440	414
Maine.....	2	9	5	305	8 472	229	456	5 255	17 336	11 713	29 190	1 714
Maryland.....	2	9	4	419	12 104	317	643	7 055	38 049	44 391	81 701	1 570
Massachusetts.....	—	27	6	723	26 677	393	843	11 117	46 624	58 017	101 575	4 642
Michigan.....	1	41	13	917	27 485	677	1 314	17 413	76 530	62 242	138 477	4 860
Minnesota.....	—	42	17	8 376	391 830	6 532	11 244	272 092	672 898	935 021	1 608 333	46 198
Mississippi.....	3	10	5	350	7 066	281	494	4 590	20 128	15 057	35 209	722
Missouri.....	3	16	6	455	13 032	339	698	7 912	24 407	33 420	57 935	3 051
Montana.....	7	9	4	174	4 461	151	282	3 287	9 267	9 941	19 104	1 155
Nebraska.....	2	7	2	276	7 510	196	397	4 406	22 635	40 322	63 238	627
Nevada.....	3	8	2	207	7 058	107	225	2 669	14 458	16 349	30 807	644
New Hampshire.....	—	8	2	383	13 068	171	329	3 836	23 619	36 075	59 874	410
New Jersey.....	1	28	10	787	23 689	568	1 125	14 332	55 898	86 767	138 425	2 495
New York.....	2	67	14	1 134	36 749	863	1 817	23 603	67 168	86 552	155 643	4 433
North Carolina.....	4	29	9	817	24 421	663	1 317	17 617	71 303	108 201	179 449	4 129
Ohio.....	2	40	19	1 044	26 809	807	1 649	17 617	75 940	94 649	166 556	3 801
Oklahoma.....	3	14	5	173	3 863	141	266	2 902	9 619	11 239	20 913	456
Oregon.....	1	37	25	3 522	96 936	3 011	5 706	74 273	218 108	280 530	491 788	9 705
Pennsylvania.....	2	61	25	3 713	110 238	2 945	6 067	73 241	259 733	291 136	549 960	38 830
Rhode Island.....	3	5	2	116	3 213	86	137	1 878	6 948	4 494	11 467	438
South Carolina.....	—	21	11	779	22 919	632	1 286	16 057	57 236	69 292	127 219	6 635
Tennessee.....	3	15	11	1 321	31 972	1 132	1 982	24 256	104 135	105 610	208 613	5 568
Texas.....	3	94	24	3 080	81 940	2 407	5 003	51 829	229 929	298 250	526 278	12 161
Utah.....	1	21	2	457	15 317	345	652	8 960	20 223	52 201	72 052	991
Vermont.....	2	6	2	148	4 216	120	238	2 752	12 176	16 359	28 494	500
Virginia.....	1	29	15	2 061	59 815	1 707	3 500	42 600	130 700	201 373	332 802	6 318
Washington.....	1	54	19	1 900	59 496	1 551	2 946	42 173	128 020	141 575	269 612	5 826
West Virginia.....	—	6	2	520	12 148	474	907	10 495	21 303	45 206	65 149	2 663
Wisconsin.....	3	60	31	10 086	297 401	7 822	14 587	200 297	696 947	744 668	1 444 901	38 991

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
321911, Wood window and door manufacturing	
Companies ¹	number.. 1 326
All establishments ²	number.. 1 440
Establishments with 1 to 19 employees	number.. 930
Establishments with 20 to 99 employees	number.. 358
Establishments with 100 employees or more	number.. 152
All employees ³	number.. 71 694
Total compensation	\$1,000.. 2 769 936
Annual payroll	\$1,000.. 2 280 726
Total fringe benefits	\$1,000.. 489 210
Production workers, average for year	number.. 55 566
Production workers on March 12	number.. 55 056
Production workers on May 12	number.. 53 988
Production workers on August 12	number.. 57 093
Production workers on November 12	number.. 56 017
Production worker hours	\$1,000.. 106 720
Production worker wages	\$1,000.. 1 496 872
Total cost of materials	\$1,000.. 5 921 743
Materials, parts, containers, packaging, etc., used	\$1,000.. 5 277 542
Resales	\$1,000.. 533 295
Purchased fuels	\$1,000.. 23 395
Purchased electricity	\$1,000.. 68 070
Contract work	\$1,000.. 19 441
Quantity of electricity purchased for heat and power	1,000 kWh.. 1 210 788
Quantity of electricity generated less sold for heat and power	1,000 kWh.. -
Total value of shipments	\$1,000.. 10 915 413
Primary products value of shipments	\$1,000.. 9 494 954
Secondary products value of shipments	\$1,000.. 723 911
Total miscellaneous receipts	\$1,000.. 696 548
Value of resales	\$1,000.. 645 066
Contract receipts	\$1,000.. 14 048
Other miscellaneous receipts	\$1,000.. 37 434
Primary products specialization ratio	percent.. 93
Value of primary products shipments made in all industries	\$1,000.. 10 078 319
Value of primary products shipments made in this industry	\$1,000.. 9 494 954
Value of primary products shipments made in other industries	\$1,000.. 583 365
Coverage ratio	percent.. 94
Value added	\$1,000.. 5 024 157
Total inventories, beginning of year	\$1,000.. 936 398
Finished goods inventories	\$1,000.. 216 259
Work-in-process inventories	\$1,000.. 180 387
Materials and supplies inventories	\$1,000.. 539 752
Total inventories, end of year	\$1,000.. 1 016 489
Finished goods inventories	\$1,000.. 230 059
Work-in-process inventories	\$1,000.. 197 074
Materials and supplies inventories	\$1,000.. 589 356
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 2 982 171
Total capital expenditures (new and used)	\$1,000.. 328 107
Buildings and other structures (new and used)	\$1,000.. 64 017
Machinery and equipment (new and used)	\$1,000.. 264 090
Automobiles, trucks, etc., for highway use	\$1,000.. 14 235
Computers and peripheral data processing equipment	\$1,000.. 35 944
All other expenditures for machinery and equipment	\$1,000.. 213 911
Total retirements	\$1,000.. 127 244
Gross value of depreciable assets at end of year	\$1,000.. 3 183 034
Depreciation charges during year	\$1,000.. 195 499
Total rental payments	\$1,000.. 125 754
Buildings and other structures	\$1,000.. 79 282
Machinery and equipment	\$1,000.. 46 472
Total other expenses ⁴	\$1,000.. 947 290
Response coverage ratio ⁵	percent.. 77
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 60 887
Communications services ⁴	\$1,000.. 20 115
Legal services ⁴	\$1,000.. 29 358
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 6 412
Advertising and promotional services ⁴	\$1,000.. 97 657
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 19 137
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 14 050
Management consulting and administrative services ⁴	\$1,000.. 26 233
Taxes and license fees ⁴	\$1,000.. 57 375
All other expenses ⁴	\$1,000.. 616 066

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
321911, Wood window and door manufacturing											
All establishments	1	1 440	71 694	2 280 726	55 566	106 720	1 496 872	5 024 157	5 921 743	10 915 413	328 107
Establishments with—											
1 to 4 employees	9	425	864	23 412	736	1 349	15 069	47 744	61 330	109 016	4 297
5 to 9 employees	7	248	1 724	49 028	1 396	2 734	31 861	102 895	123 315	226 670	8 894
10 to 19 employees	3	257	3 496	99 889	2 695	5 240	64 443	199 236	234 746	433 477	15 159
20 to 49 employees	3	239	7 392	210 429	5 518	10 779	130 439	448 241	559 550	1 006 091	47 770
50 to 99 employees	1	119	8 453	244 464	6 321	12 555	151 220	549 830	715 650	1 255 430	36 953
100 to 249 employees	2	101	16 037	446 564	12 206	23 644	280 436	1 135 403	1 544 169	2 675 411	60 287
250 to 499 employees	—	32	11 467	339 367	9 405	18 494	248 838	854 646	980 103	1 827 753	46 280
500 to 999 employees	2	13	8 088	238 888	6 778	13 185	177 477	594 337	593 661	1 188 360	36 024
1,000 to 2,499 employees	4	3	3 980	102 780	3 288	5 280	71 485	218 281	173 657	392 402	15 056
2,500 employees or more	—	3	10 193	525 905	7 223	13 460	325 604	873 544	935 562	1 800 803	57 387
Administrative records ⁴	9	587	2 368	66 268	2 025	3 968	43 049	134 747	178 542	313 289	12 546

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments ¹	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				
321911	Wood window and door manufacturing	1 440	71 694	2 280 726	55 566	106 720	1 496 872	5 024 157	5 921 743	10 915 413	328 107
3219111	Wood window units	94	26 729	1 002 885	20 610	38 163	663 025	2 055 611	2 038 495	4 079 010	121 617
3219113	Wood sash, excluding sash shipped in window units	3	c	D	D	D	D	D	D	D	D
3219115	Wood window and door frames, including door frames shipped in door units, excluding window frames shipped in window units ...	46	h	D	D	D	D	D	D	D	D
3219117	Wood panel, flush, and molded face doors, interior and exterior, including doors with glazed sections	227	18 415	542 958	13 693	27 076	337 759	1 445 454	2 133 355	3 576 065	76 729
3219119	Other wood doors, including garage, patio, bifold, cabinet, screen, storm, and louver	128	9 897	269 902	8 206	16 124	192 605	553 420	545 530	1 097 047	40 686

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. Products Statistics: 2002 and 1997

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
321911	Wood window and door manufacturing	2002.. N 1997.. N	X X	X X	10 078 319 8 012 652
3219111	Wood window units	2002.. N 1997.. N	X X	X X	2 967 862 2 568 504
32191111	Double hung wood window units	2002.. N 1997.. N	X X	X X	1 230 153 878 831
321911111	Double hung wood window units, cladged	2002.. 45 1997.. 56	X X	P5 856.1 P4 120.5	995 448 693 283
321911121	Other double hung wood window units	2002.. 48 1997.. 64	X X	P1 270.5 P1 415.7	234 705 185 548
32191112	Casement wood window units	2002.. N 1997.. N	X X	X X	1 056 949 911 740
321911231	Casement wood window units, cladged	2002.. 40 1997.. 58	X X	P5 244.6 P4 244.9	918 089 758 667
321911241	Other casement wood window units	2002.. 49 1997.. 59	X X	P605.6 P879.5	138 860 153 073
32191113	All other wood window units, including horizontal sliding, awning and single hung	2002.. N 1997.. N	X X	X X	491 998 359 183
3219111351	Horizontal sliding wood window units, cladged	2002.. 18 1997.. 21	X X	401.3 146.9	84 289 34 534
3219111361	Other horizontal sliding wood window units	2002.. 18 1997.. 20	X X	P207.1 S	28 971 15 564
3219111391	All other wood window units, including awning and single hung	2002.. 64 1997.. 55	X X	P1 322.7 P1 859.9	378 738 309 085
3219111Y	Wood window units, nsk	2002.. N 1997.. N	X X	X X	188 762 418 750
3219111YVV	Wood window units, nsk	2002.. N 1997.. N	X X	X X	188 762 418 750
3219113	Wood sash, excluding sash shipped in window units	2002.. N 1997.. N	X X	X X	81 040 137 073
32191131	Wood sash, excluding sash shipped in window units	2002.. N 1997.. N	X X	X X	72 623 122 008
3219113111	Knockdown and open wood sash, excluding sash shipped in window units	2002.. 15 1997.. 9	X X	X X	38 824 53 416
3219113121	Glazed wood sash, excluding sash shipped in window units	2002.. 21 1997.. 20	X X	S 924.1	33 799 68 592
3219113Y	Wood sash, excluding sash shipped in window units, nsk	2002.. N 1997.. N	X X	X X	8 417 15 065
3219113YVV	Wood sash, excluding sash shipped in window units, nsk	2002.. N 1997.. N	X X	X X	8 417 15 065
3219115	Wood window and door frames, including door frames shipped in door units, excluding window frames shipped in window units	2002.. N 1997.. N	X X	X X	533 907 462 800
32191151	Wood window and door frames, including door frames shipped in door units, excluding window frames shipped in window units	2002.. N 1997.. N	X X	X X	520 869 457 666
3219115111	Wood window frames, excluding window frames shipped in window units	2002.. 46 1997.. 30	X X	X X	178 216 100 092
3219115121	Wood door frames, including door frames shipped in door units	2002.. 104 1997.. 115	X X	X X	342 653 357 574
3219115Y	Wood window and door frames, including door frames shipped in door units, excluding window frames shipped in window units, nsk	2002.. N 1997.. N	X X	X X	13 038 5 134
3219115YVV	Wood window and door frames, including door frames shipped in door units, excluding window frames shipped in window units, nsk	2002.. N 1997.. N	X X	X X	13 038 5 134
3219117	Wood panel, flush, and molded face doors, interior and exterior, including doors with glazed sections	2002.. N 1997.. N	X X	X X	3 166 702 2 044 489
32191171	Wood panel, flush, and molded face doors, interior and exterior, including doors with glazed sections	2002.. N 1997.. N	X X	X X	2 635 079 1 350 404
3219117111	Panel douglas fir doors, interior and exterior, including doors with glazed sections	2002.. 51 1997.. 49	X X	S 1 211.3	123 983 143 988
3219117115	Panel western pine doors, interior and exterior, including doors with glazed sections	2002.. 34 1997.. 36	X X	S S	170 895 157 916
3219117121	Other panel wood doors, interior and exterior, including doors with glazed sections	2002.. 134 1997.. 153	X X	S S	526 530 218 895
3219117131	Flush, hollow core, softwood faced doors, interior and exterior, including doors with glazed sections	2002.. 24 1997.. 16	X X	X X	186 660 14 589
3219117135	Flush, hollow core, hardwood faced doors (including lauan, birch, oak, etc.), interior and exterior, including doors with glazed sections	2002.. 46 1997.. 53	X X	S S	519 955 119 527
3219117141	Flush, hollow core, hardboard faced doors, interior and exterior, including doors with glazed sections	2002.. 40 1997.. 38	X X	S S	54 400 118 439
3219117145	Flush, hollow core, other faced doors, interior and exterior, including doors with glazed sections	2002.. 15 1997.. 11	X X	Q2 579.2 S	86 110 14 902
3219117151	Flush, solid wood stave core, hardwood faced doors (including lauan, birch, oak, etc.), interior and exterior, including doors with glazed sections	2002.. 49 1997.. 40	X X	X X	107 937 37 707

See footnotes at end of table.

Table 6a. **Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
321911	Wood window and door manufacturing—Con.				
3219117	Wood panel, flush, and molded face doors, interior and exterior, including doors with glazed sections—Con.				
32191171	Wood panel, flush, and molded face doors, interior and exterior, including doors with glazed sections—Con.				
3219117155	Flush, solid composition core, hardwood faced doors (including lauan, birch, oak, etc.), interior and exterior, including doors with glazed sections.....thousands..2002..	56	X	S	425 509
	.....1997..	55	X	S	292 007
3219117161	Flush, solid core, other faced doors, interior and exterior, including doors with glazed sections.....thousands..2002..	18	X	295.3	33 678
	.....1997..	17	X	S	11 655
3219117171	Molded face doors, interior and exterior, including doors with glazed sections.....thousands..2002..	46	X	S	399 422
	.....1997..	40	X	S	220 779
3219117Y	Wood panel, flush, and molded face doors, interior and exterior, including doors with glazed sections, nsk.....2002..	N	X	X	531 623
	.....1997..	N	X	X	694 085
3219117YV	Wood panel, flush, and molded face doors, interior and exterior, including doors with glazed sections, nsk.....2002..	N	X	X	531 623
	.....1997..	N	X	X	694 085
3219119	Other wood doors, including garage, patio, bifold, cabinet, screen, storm, and louver.....2002..	N	X	X	1 777 372
	.....1997..	N	X	X	1 339 481
32191191	Other wood doors, including garage, patio, bifold, cabinet, screen, storm, and louver.....2002..	N	X	X	1 770 500
	.....1997..	N	X	X	1 247 561
3219119111	Wood garage doors.....2002..	12	X	X	36 518
	.....1997..	28	X	X	77 972
3219119121	Wood bifold doors.....2002..	36	X	X	67 255
	.....1997..	42	X	X	61 010
3219119131	Wood patio doors, sliding.....2002..	30	X	X	382 415
	.....1997..	44	X	X	251 561
3219119141	Wood patio doors, swinging.....2002..	35	X	X	450 886
	.....1997..	41	X	X	321 238
3219119151	Wood cabinet doors.....2002..	186	X	X	677 733
	.....1997..	115	X	X	423 632
3219119191	Other wood doors, including screen, storm, and louver.....2002..	50	X	X	155 693
	.....1997..	49	X	X	112 148
3219119Y	Other wood doors, including garage, patio, bifold, cabinet, screen, storm, and louver, nsk.....2002..	N	X	X	6 872
	.....1997..	N	X	X	91 920
3219119YV	Other wood doors, including garage, patio, bifold, cabinet, screen, storm, and louver, nsk.....2002..	N	X	X	6 872
	.....1997..	N	X	X	91 920
321911W	Wood window and door manufacturing, nsk, total.....2002..	N	X	X	1 551 436
	.....1997..	N	X	X	1 460 305
321911WY	Wood window and door manufacturing, nsk, total.....2002..	N	X	X	1 551 436
	.....1997..	N	X	X	1 460 305
321911WYWW	Wood window and door manufacturing, nsk, for nonadministrative-record establishments.....2002..	N	X	X	1 268 242
	.....1997..	N	X	X	1 353 287
321911WYWY	Wood window and door manufacturing, nsk., for administrative-record establishments.....2002..	N	X	X	283 194
	.....1997..	N	X	X	107 018

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p—10 to 19 percent estimated; q—20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. **Product Class Shipments for Selected States: 2002 and 1997**

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3219111	Wood window units	
	United States	2002 .. 2 967 862
		1997 .. 2 568 504
	Alabama	2002 .. 9 615
		1997 .. N
	Arizona	2002 .. 7 411
		1997 .. N
	California	2002 .. 71 158
		1997 .. 38 529
	Georgia	2002 .. 16 962
		1997 .. 63 753
	Illinois	2002 .. 83 167
		1997 .. N
	Massachusetts	2002 .. 26 283
		1997 .. 8 048
	Michigan	2002 .. 7 561
		1997 .. 28 812
	New York	2002 .. 15 157
		1997 .. 6 976
	North Carolina	2002 .. 36 884
		1997 .. 32 888
	Ohio	2002 .. 26 418
		1997 .. 54 864
	Pennsylvania	2002 .. 29 136
		1997 .. 15 922
	Texas	2002 .. 2 752
		1997 .. 3 809
	Washington	2002 .. 4 834
		1997 .. 6 936
	Wisconsin	2002 .. 643 659
		1997 .. 642 505
3219113	Wood sash, excluding sash shipped in window units	
	United States	2002 .. 81 040
		1997 .. 137 073
	California	2002 .. 11 012
		1997 .. 11 012
	Wisconsin	2002 .. 18 437
		1997 .. 16 153
3219115	Wood window and door frames, including door frames shipped in door units, excluding window frames shipped in window units	
	United States	2002 .. 533 907
		1997 .. 462 800
	Arizona	2002 .. 2 443
		1997 .. 4 112
	California	2002 .. 28 667
		1997 .. 76 012
	Georgia	2002 .. 55 605
		1997 .. 6 443
	Indiana	2002 .. 12 598
		1997 .. 6 864
	Minnesota	2002 .. 6 808
		1997 .. 6 869
	New York	2002 .. 3 009
		1997 .. N
	North Carolina	2002 .. 22 131
		1997 .. 25 401
	Ohio	2002 .. 23 965
		1997 .. 4 358
	Oregon	2002 .. 180 514
		1997 .. 190 453
	Pennsylvania	2002 .. 9 404
		1997 .. 4 304
	Texas	2002 .. 43 443
		1997 .. 21 184
	Virginia	2002 .. 23 702
		1997 .. 9 354
	Washington	2002 .. 15 989
		1997 .. 16 808
	Wisconsin	2002 .. 3 596
		1997 .. 16 408
3219117	Wood panel, flush, and molded face doors, interior and exterior, including doors with glazed sections	
	United States	2002 .. 3 166 702
		1997 .. 2 044 489
	Alabama	2002 .. 182 238
		1997 .. 108 475
	Arizona	2002 .. 49 042
		1997 .. 30 780
	California	2002 .. 311 087
		1997 .. 177 388
	Florida	2002 .. 142 498
		1997 .. 60 315
	Georgia	2002 .. 65 680
		1997 .. 18 609
	Illinois	2002 .. 69 820
		1997 .. 12 849
	Indiana	2002 .. 150 028
		1997 .. 141 027
	Iowa	2002 .. 201 617
		1997 .. 110 936
	Kansas	2002 .. 8 199
		1997 .. 15 122
	Kentucky	2002 .. 14 893
		1997 .. N
	Massachusetts	2002 .. 41 508
		1997 .. 15 360
	Michigan	2002 .. 64 062

See footnotes at end of table.

Table 6b. **Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3219117	Wood panel, flush, and molded face doors, interior and exterior, including doors with glazed sections—Con.	
	United States—Con.	
	1997..	73 858
Minnesota	2002..	42 534
	1997..	17 220
Missouri	2002..	5 084
	1997..	10 581
New Jersey	2002..	74 937
	1997..	N
New York	2002..	56 268
	1997..	18 467
North Carolina	2002..	41 021
	1997..	35 516
Ohio	2002..	63 574
	1997..	25 756
Oregon	2002..	59 948
	1997..	80 623
Pennsylvania	2002..	221 344
	1997..	99 431
South Carolina	2002..	28 270
	1997..	17 744
Tennessee	2002..	77 140
	1997..	N
Texas	2002..	277 874
	1997..	199 195
Utah	2002..	7 425
	1997..	N
Virginia	2002..	98 887
	1997..	80 168
Washington	2002..	140 973
	1997..	154 406
Wisconsin	2002..	396 001
	1997..	294 990
3219119	Other wood doors, including garage, patio, bifold, cabinet, screen, storm, and louver	
	United States	2002.. 1 777 372
		1997.. 1 339 481
Alabama	2002..	18 083
	1997..	45 120
Arizona	2002..	6 539
	1997..	7 979
Arkansas	2002..	2 550
	1997..	N
California	2002..	127 834
	1997..	125 505
Colorado	2002..	18 247
	1997..	8 525
Florida	2002..	16 043
	1997..	23 626
Georgia	2002..	12 818
	1997..	15 777
Idaho	2002..	13 179
	1997..	14 492
Illinois	2002..	25 279
	1997..	26 596
Indiana	2002..	35 044
	1997..	55 368
Kentucky	2002..	80 067
	1997..	9 066
Massachusetts	2002..	2 301
	1997..	3 616
Michigan	2002..	10 957
	1997..	9 643
Mississippi	2002..	7 735
	1997..	8 607
Missouri	2002..	6 555
	1997..	4 916
New Jersey	2002..	7 787
	1997..	10 453
New York	2002..	10 019
	1997..	6 343
North Carolina	2002..	16 209
	1997..	23 873
Ohio	2002..	18 272
	1997..	38 492
Oklahoma	2002..	7 248
	1997..	5 281
Oregon	2002..	81 647
	1997..	60 964
Pennsylvania	2002..	179 231
	1997..	77 201
South Carolina	2002..	14 911
	1997..	14 936
Texas	2002..	89 399
	1997..	75 226
Utah	2002..	4 025
	1997..	12 595
Virginia	2002..	129 076
	1997..	46 431
Washington	2002..	31 920
	1997..	46 089
Wisconsin	2002..	166 667
	1997..	142 138

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
321911	Wood window and door manufacturing		
00900001	Total materials .....2002..	X	5 277 542
	.....1997..	X	4 498 562
32100022	Hardwood lumber, rough .....2002..	X	119 389
	.....1997..	X	N
32100028	Softwood lumber, rough .....2002..	X	184 216
	.....1997..	X	N
32100026	Hardwood lumber, dressed .....2002..	X	124 904
	.....1997..	X	N
32100032	Softwood lumber, dressed .....2002..	X	115 114
	.....1997..	X	N
32191201	Softwood cut stock .....2002..	X	573 586
	.....1997..	X	579 073
32191203	Hardwood cut stock and dimension (excluding furniture frames) .....2002..	X	56 689
	.....1997..	X	66 552
32121100	Hardwood plywood .....2002..	X	35 624
	.....1997..	X	N
32121200	Softwood plywood .....2002..	X	25 841
	.....1997..	X	N
32121104	Hardwood veneer .....2002..	X	154 050
	.....1997..	X	N
32121902	Particleboard (reconstituted wood) .....2002..	X	49 604
	.....1997..	X	N
32121909	Hardboard .....2002..	X	21 588
	.....1997..	X	59 816
32121906	Medium density fiberboard (MDF) .....2002..	X	51 209
	.....1997..	X	N
32552002	Glues and adhesives .....2002..	X	39 752
	.....1997..	X	N
32721103	Glass (float, sheet and plate) .....2002..	X	369 005
	.....1997..	X	307 949
32610013	Plastics products consumed in the form of sheets, rods, tubes, film, and other shapes .....2002..	X	140 443
	.....1997..	X	122 953
32221001	Paperboard containers, boxes, and corrugated paperboard .....2002..	X	51 396
	.....1997..	X	37 756
33251009	Builders' hardware (including door locks, locksets, lock trim, screen hardware, etc.) .....2002..	X	263 640
	.....1997..	X	210 947
00970099	All other materials and components, parts, containers, and supplies .....2002..	X	1 468 335
	.....1997..	X	1 374 188
00971000	Materials, ingredients, containers, and supplies, nsk .....2002..	X	1 433 157
	.....1997..	X	1 739 328

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.